

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005



10/20/86 A 2575-1

weekly statistical bulletin

STATISTICS DEPARTMENT

VOL. 67 For Week Ended October 10, 1986

NO. 41

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/10/86	Last Week Ending: 10/03/86	Last Year Week Ending: 10/11/85	Change From Last Week	Change From Last Year
<u>Refinery Operations</u>					
Input to crude oil distillation units	12,766	12,671	12,376	95	390
Operable capacity	15,594	15,594	15,638	0	-44
Percent operated	81.9	81.3	79.1		
<u>Motor Gasoline</u>					
Total motor gasoline production	6,856	6,716	6,218	140	638
Finished leaded motor gasoline production	2,051	2,047	2,197	4	-146
Finished unleaded motor gasoline production	4,805	4,669	4,021	136	784
Total motor gasoline stocks	227,872	228,549	217,692	-677	10,180
Finished leaded motor gasoline stocks	66,631	68,677	74,330	-2,046	-7,699
Finished unleaded motor gasoline stocks	122,443	121,091	107,912	1,352	14,531
<u>Distillate Fuel Oil</u>					
Distillate fuel oil production	2,869	2,909	2,804	-40	65
Distillate fuel oil stocks	152,944	150,945	118,256	1,999	34,688
<u>Residual Fuel Oil</u>					
Residual fuel oil production	795	810	765	-15	30
Residual fuel oil stocks	45,082	43,610	45,664	1,472	-582
<u>Imports</u>					
Crude oil imports	4,197	4,176	3,285	21	912
Product imports	2,070	1,886	1,955	184	115
<u>Crude Oil Stocks</u>					
Crude oil stocks	332,785	335,168	326,255	-2,383	6,530

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949.

NA-Not Available



STATISTICS DEPARTMENT

VOL. 67 For Week Ended October 10, 1986

NO. 41

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,405	1,232	1,238	1,346	92.0
Appal. No. 1	101	91	91	108	84.3
DISTRICT 1 TOTAL	1,506	1,323	1,329	1,454	91.4
Appal. No. 2	63	56	56	66	84.8
Ind., Ill., Ky.	2,016	1,844	1,848	2,210	83.6
Minn., Wis., Daks.	308	297	297	322	92.2
Okla., Kans., Mo.	587	545	551	726	75.9
DISTRICT 2 TOTAL	2,974	2,742	2,752	3,324	82.8
Inland Texas	524	458	467	568	82.2
Texas Gulf Coast	3,432	3,004	3,004	3,738	80.4
La. Gulf Coast	2,330	2,153	2,164	2,578	83.9
N. La. and Ark.	198	182	184	258	71.3
New Mexico	80	67	67	79	84.8
DISTRICT 3 TOTAL	6,564	5,864	5,886	7,221	81.5
DISTRICT 4 TOTAL	447	425	428	527	81.2
DISTRICT 5 TOTAL	2,431x	2,349	2,371	3,068	77.3
TOTAL U.S.	13,922	12,703	12,766	15,594	81.9
TOTAL U.S.					
Weeks Ended:					
OCT. 3, 1986	14,017x	12,609	12,671	15,594	81.3
OCT. 11, 1985	13,439	12,235	12,376	15,638	79.1
DISTRICTS 1-4					
Weeks Ended:					
OCT. 10, 1986	11,491	10,354	10,395	12,526	83.0
OCT. 3, 1986	11,475	10,241	10,278	12,526	82.1
OCT. 11, 1985	11,052	9,995	10,117	12,623	80.1

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 10, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	650	183	467	25	67	319	120
Appal. No. 1	34	10	24	--	--	29	4
DISTRICT 1 TOTAL	684	193	491	25	67	348	124
Appal. No. 2	37	10	27	--	--	17	1
Ind., Ill., Ky.	1,167	312	855	11	126	387	61
Minn., Wis., Daks.	149	50	99	4	19	71	9
Okla., Kans., Mo.	332	134	198	--	40	148	4
DISTRICT 2 TOTAL	1,685	506	1,179	15	185	623	75
Inland Texas	286	99	187	22	28	102	14
Texas Gulf Coast	1,611	432	1,179	56	280	709	136
La. Gulf Coast	1,103	314	789	7	270	466	124
N. La. and Ark.	55	19	36	4	--	60	10
New Mexico	43	19	24	8	2	16	--
DISTRICT 3 TOTAL	3,098	883	2,215	97	580	1,353	284
DISTRICT 4 TOTAL	229	95	134	14	20	106	8
DISTRICT 5 TOTAL	1,160*	374	786*	48	275	439	304
TOTAL U.S.	6,856	2,051	4,805	199	1,127	2,869	795
TOTAL U.S.							
Weeks Ended:							
OCT. 3, 1986	6,716*	2,047	4,669*	212	1,071	2,909	810
OCT. 11, 1985	6,218	2,197	4,021	184	1,055	2,804	765
DISTRICTS 1-4							
Weeks Ended:							
OCT. 10, 1986	5,696	1,677	4,019	151	852	2,430	491
OCT. 3, 1986	5,552	1,699	3,853	156	816	2,462	467
OCT. 11, 1985	5,193	1,838	3,355	145	789	2,445	435

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,739	1,236	3,502	1	123	557	11,052	1,364	--
Central Atlantic	29,353	7,063	17,050	5,240	333	5,492	42,671	16,267	10,275
Lower Atlantic	33,324	10,084	22,721	519	572	5,406	15,780	3,814	649
DISTRICT 1 TOTAL	67,416	18,383	43,273	5,760	1,028	11,455	69,503	21,445	10,924
DISTRICT 2 TOTAL	57,977	20,544	30,216	7,217	978	8,756	32,330	3,415	13,751
DISTRICT 3 TOTAL	66,357*	17,331	32,207*	16,819	2,141	16,805	36,806	10,690	45,742
DISTRICT 4 TOTAL	5,846	2,060	2,231	1,555	328	833	2,866	405	2,205
DISTRICT 5 TOTAL	30,276	8,313	14,516	7,447	1,757	5,979*	11,439	9,127	23,118
TOTAL U.S.	227,872	66,631	122,443	38,798	6,232	43,828	152,944	45,082	95,740
TOTAL U.S.									
Weeks Ended:									
OCT. 3, 1986	228,549*	68,677	121,091*	38,781	6,184	42,962*	150,945	43,610	97,438
OCT. 11, 1985	217,692	74,330	107,912	35,450	6,356	35,437	118,256	45,664	104,647
DISTRICTS 1-4									
Weeks Ended:									
OCT. 10, 1986	197,596	58,318	107,927	31,351	4,475	37,849	141,505	35,955	72,622
OCT. 3, 1986	198,557*	60,348	107,074*	31,135	4,504	37,200	139,780	34,773	74,361
OCT. 11, 1985	188,308	65,343	94,421	28,544	4,567	30,277	108,449	37,298	81,893

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 10, 1986

**ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL**

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy May 1986	Total	From Canada	
	----- Daily Average -----				
DISTRICTS 1-4 TOTAL					
OCT. 10, 1986	5,632.0	5,711.0	4,022	487	264,710
OCT. 3, 1986	5,651.0*	--	4,063	556	268,030*
SEP. 26, 1986	5,651.0*	--	5,346	461	263,956
SEP. 19, 1986	5,651.0*	--	4,313	568	255,864
DISTRICT 5 TOTAL					
OCT. 10, 1986	3,045.3	3,087.0	175	--	68,075 ‡
OCT. 3, 1986	2,943.2*	--	113	16	67,138
SEP. 26, 1986	2,943.2*	--	269	17	71,307
SEP. 19, 1986	2,943.2*	--	210	58	72,523
‡ INCLUDES 22,620 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
OCT. 10, 1986	8,677.3	8,798.0	4,197	487	332,785 ‡
OCT. 3, 1986	8,594.2*	--	4,176	572	335,168*
SEP. 26, 1986	8,594.2*	--	5,615	478	335,263
SEP. 19, 1986	8,594.2*	--	4,523	626	328,387
OCT. 11, 1985	8,970.0 a/	--	3,285	481	326,255
a/ DOE actual for October 1985.					

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 10, 1986	17,479	73,415	161,117	12,699	264,710	68,075 ‡	332,785 ‡
OCT. 3, 1986	17,376	73,989	165,257*	11,408	268,030*	67,138	335,168*
OCT. 11, 1985	17,435	73,017	137,547	12,594	240,593	85,662	326,255

¹See definitional notes, Page 6.

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 10, 1986

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Gasoline ² Blending Components	Jet Fuel		Distillate Fuel Oil ³	Residual Fuel Oil	L.P.G.	Unfinished		Total
		Finished Leaded	Finished Unleaded		Naphtha Type	Kerosine Type				Oil	Other	
New England	22	--	22	--	--	--	212	15	1	--	--	250
Central Atlantic	205	26	179	31	--	54	42	283	47	32	124	818
Lower Atlantic	87	24	63	--	--	--	138	94	--	--	4	323
DISTRICT 1 TOTAL												
OCT. 10, 1986	314	50	264	31	--	54	392	392	48	32	128	1,391
OCT. 3, 1986	181	92	89	46	--	19	175	620	24	88	--	1,153
SEP. 26, 1986	274	46	228	32	36	50	168	410	14	103	185	1,272
SEP. 19, 1986	113	20	93	30	--	95	353	575	14	50	86	1,316
DISTRICTS 2-4 TOTAL												
OCT. 10, 1986	20	1	19	13	--	--	12	22	225	64	220	576
OCT. 3, 1986	17	4	13	6	--	--	12	75	253	76	173	612
SEP. 26, 1986	21	2	19	13	--	--	4	47	140	162	133	520
SEP. 19, 1986	8	1	7	12	--	--	28	17	172	79	50	366
DISTRICT 5 TOTAL												
OCT. 10, 1986	37	9	28	12	--	6	15	11	16	3	3	103
OCT. 3, 1986	32	18	14	9	--	16	11	23	12	7	11	121
SEP. 26, 1986	38	12	26	20	--	26	4	13	7	8	48	164
SEP. 19, 1986	14	4	10	18	--	13	14	15	6	5	3	88
TOTAL U.S.	371	60	311	56	--	60	419	425	289	99	351	2,070
TOTAL U.S.												
Weeks Ended:												
OCT. 3, 1986	230	114	116	61	--	35	198	718	289	171	184	1,886
SEP. 26, 1986	333	60	273	65	36	76	176	470	161	273	366	1,956
SEP. 19, 1986	135	25	110	60	--	108	395	607	192	134	139	1,770
OCT. 11, 1985	444	111	333	N/A	7	22	319	513	98	185	367	1,955

¹Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

²Gasoline blending component imports are not included in total motor gasoline imports.

³Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included. Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy May 1986
	September 1986	August 1986	
Florida	28.0	29.0	29.0
New York-Pennsylvania	16.0	16.0	16.0
Virginia	-	-	-
West Virginia	9.0	10.0	9.0
Illinois	78.0	80.0	73.0
Indiana	13.0	13.0	12.0
Kansas	199.0	205.0	178.0
Kentucky	19.0	21.0	18.0
Michigan	75.0	78.0	72.0
Missouri-Tennessee	3.0	3.0	2.0
Nebraska	19.0	19.0	19.0
Ohio	41.0	42.0	41.0
Oklahoma	420.0	433.0	402.0
North Dakota	129.0	132.0	128.0
South Dakota	4.0	4.0	4.0
Alabama	57.0	59.0	59.0
Arkansas	51.0	51.0	47.0
Mississippi	82.0	84.0	83.0
New Mexico-So. East	183.5	187.0	185.0
New Mexico-Other	26.5	21.0	23.0
North Louisiana	85.0	84.0	86.0
South Louisiana	1,315.0	1,255.0	1,329.0
Total Louisiana	1,400.0	1,339.0	1,415.0
Texas			
District 1	60.0	65.0	66.0
District 2	92.0	98.0	88.0
District 3	282.0	288.0	300.0
District 4	70.0	74.0	78.0
District 5	21.0	21.0	32.0
District 6, East Texas Field	113.0	117.0	122.0
Other	99.0	102.0	109.0
District 7-B	81.0	84.0	93.0
District 7-C	82.0	86.0	98.0
District 8 and 8-A	1,152.0	1,161.0	1,170.0
District 9	92.0	96.0	98.0
District 10	39.0	44.0	49.0
Total Texas	2,183.0	2,236.0	2,303.0
Colorado	80.0	80.0	79.0
Montana	79.0	80.0	75.0
Utah	114.0	114.0	111.0
Wyoming	342.0	342.0	328.0
Total Dists. 1-4	5,651.0	5,678.0	5,711.0
Alaska	1,778.7	1,808.6	1,928.0
Arizona	0.5	0.5	-
California	1,156.0	1,158.0	1,151.0
Nevada	8.0	8.0	8.0
Total Dist. 5	2,943.2	2,975.1	3,087.0
Total U.S.	8,594.2	8,653.1	8,798.0

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 10, 1986

REVISIONS

10/03/86	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,542
			TOTAL U.S.	14,017
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,164
			TOTAL U.S.	6,716
		UNLEADED MGAS	DISTRICT 5 TOTAL	816
			TOTAL U.S.	4,669
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	65,983
			TOTAL U.S.	228,549
			DISTRICTS 1-4	198,557
		UNLEADED MGAS	DISTRICT 3 TOTAL	31,145
			TOTAL U.S.	121,091
			DISTRICTS 1-4	107,074
		KEROSINE JET	DISTRICT 5 TOTAL	5,762
			TOTAL U.S.	42,962
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	268,030
			TOTAL U.S.	335,168
	PAGE 4 B	TOTAL	PAD DISTRICT 3	165,257
			TOTAL PAD DISTRICTS 1-4	268,030
			TOTAL U.S.	335,168